

Comparison of the Scalable Economic Benefits of Micronesian Foldable Containers

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Generated on: 2026-03-05 06:32:05

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Are foldable containers better than standard containers?

Although foldable containers have been introduced to overcome standard container issues, there are some disadvantages involved with them. However the benefits of foldable containers over standard ones cannot be underestimated when considering the escalating volume of empty containers and the costs involved in repositioning them.

Why are foldable containers so expensive?

In the short term, the use of foldable containers is expensive because of the high costs involved in production and the operational costs of foldable containers compared with standard containers. This confirms the claim that the initial market price and the costs of folding and unfolding foldable containers are quite high (Konings and Thijs, 2001).

Do foldable Containers save shipping costs?

Konings and Thijs (2001) argue that, on shipping routes with permanent trade imbalances, the use of foldable containers can save transport, transshipment and storage costs as shipping lines responsible for repositioning their empty containers currently bear the cost of repositioning.

Are foldable/collapsible containers a good option for Logistics Management?

Although containerization conveys numerous advantages to the logistics industry, there are some disadvantages. The use of foldable containers is proposed as a way of solving the current issues with standard containers, but their use is not widespread yet.

This study considers the empty container repositioning problem of shipping companies that use standard and 3-in-1 foldable containers with more advanced designs.

Abstract--This study investigates the commercial viability of foldable containers from a carrier's perspective. A cost-benefit and sensitivity analysis is conducted for operating regular and ...

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Therefore, to analyze whether foldable containers can be advantageous in empty container repositioning from an economic perspective, we compared the management costs of ...

This study seeks to explore the effectiveness of employing foldable containers (FLDs) in liner shipping to reduce relocation and the empty containers and bunker costs (BCs) ...

Through intensive computational experiments, we analyze the effect of the imbalance in demand and the decreases in the purchasing cost and the handling cost of foldable containers on the ...

Using primary and secondary data sources the pros and cons of using foldable containers as compared to standard containers are identified, and it is shown that a port can ...

Konings [7] analyzed the economic and logistical viability of introducing foldable containers through a cost-benefit analysis, showing that the use of foldable containers could lead to ...

The costs and benefits of using foldable containers in these logistic concepts are calculated and compared with the situation in which standard containers are used.

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